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Department of Master of Computer Applications

20MCA 36 – Minor Project – Phase II Review

Resources Website for RVCE

Under the Guidance

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Agenda

- Incorporation of Suggestions of previous review

- Objectives

- Functional Requirements (Modules description)

- Non-functional Requirements (Relevant to the project)

- Architectural Design

- Modules identified

- System Design

- Implementation

Objectives

- Collecting the Resources

- Creation of web application

- Providing the resources to the web application.
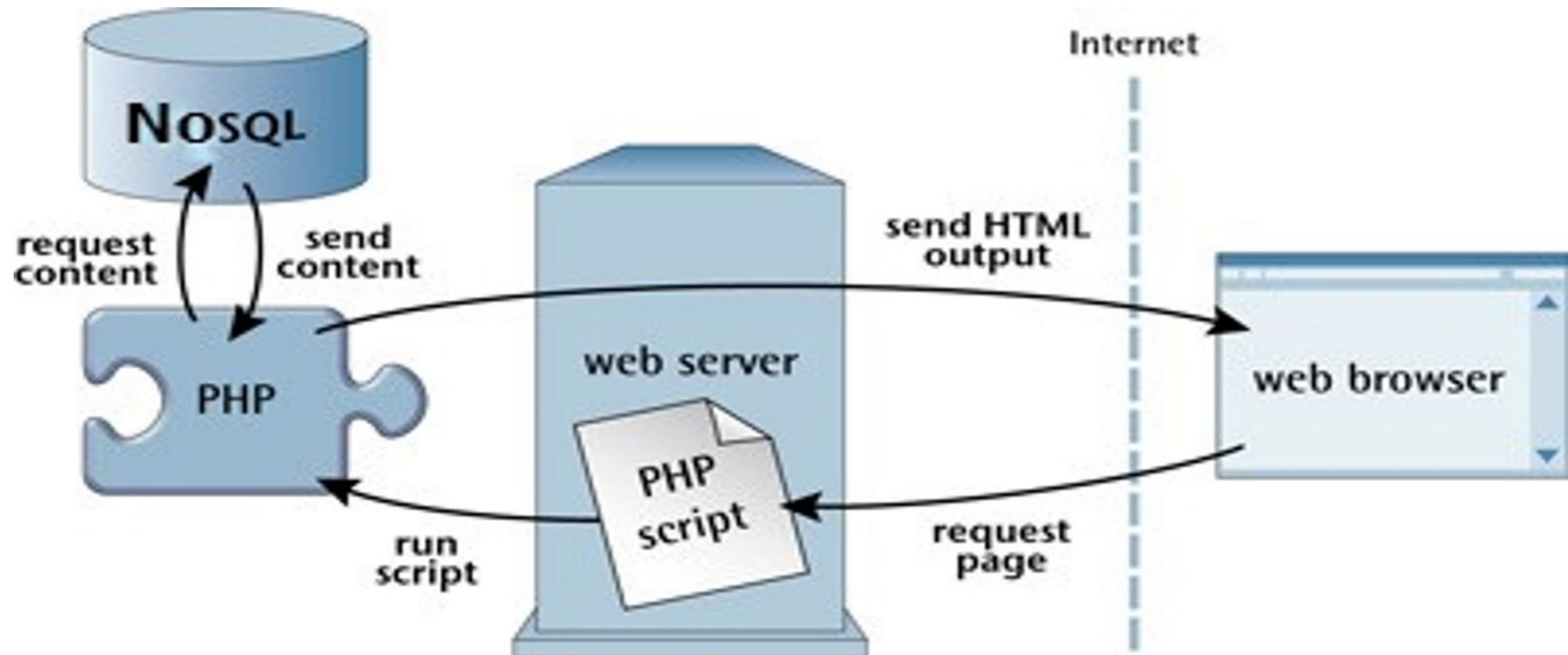
- Module Specification

Frontend Module

  - Input - Interface for downloading resources
  - Process - Fetching the file from Database to the download module
  - Output - Displaying the downloaded file to the Student.

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Describe Non-functional requirements such as performance requirements, safety, security etc

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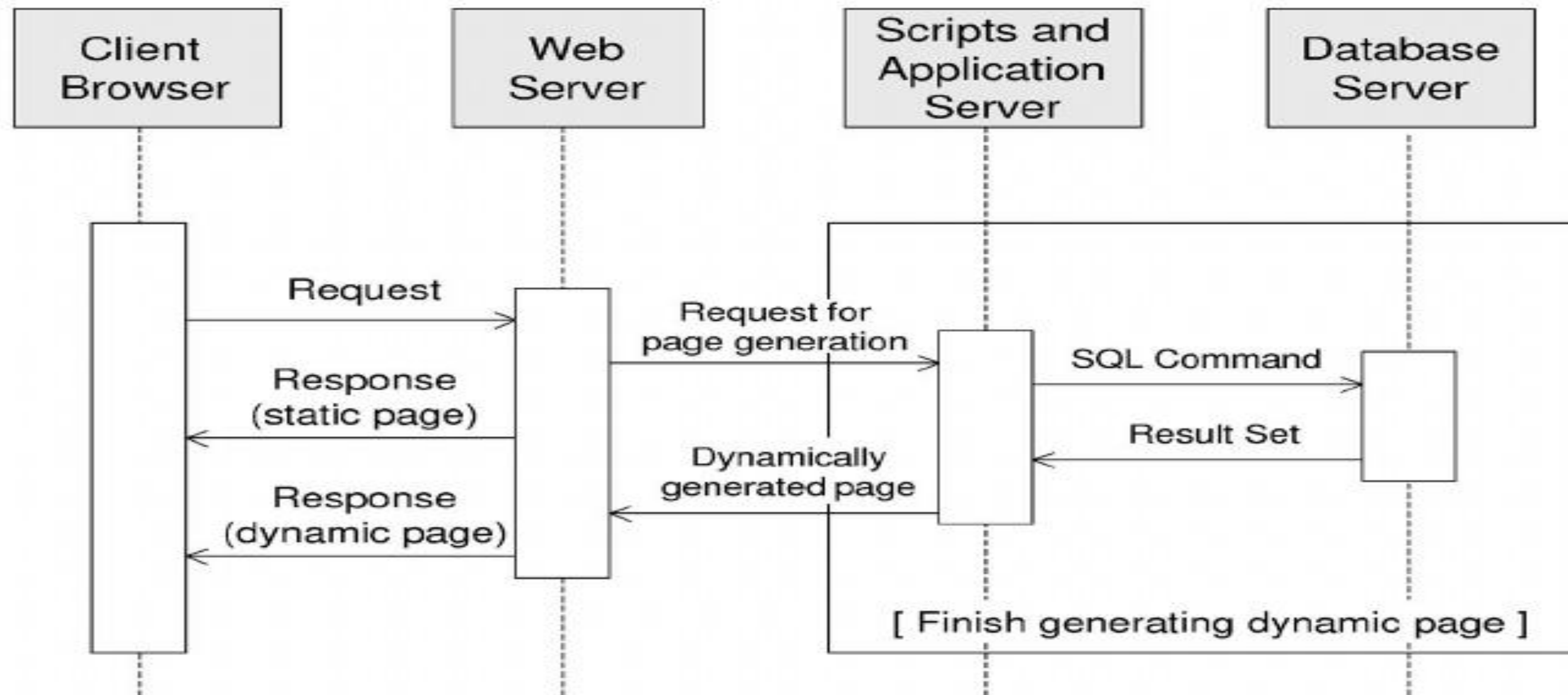
- Data definition/Dictionary
- Module specification / Assumptions made

UML diagram
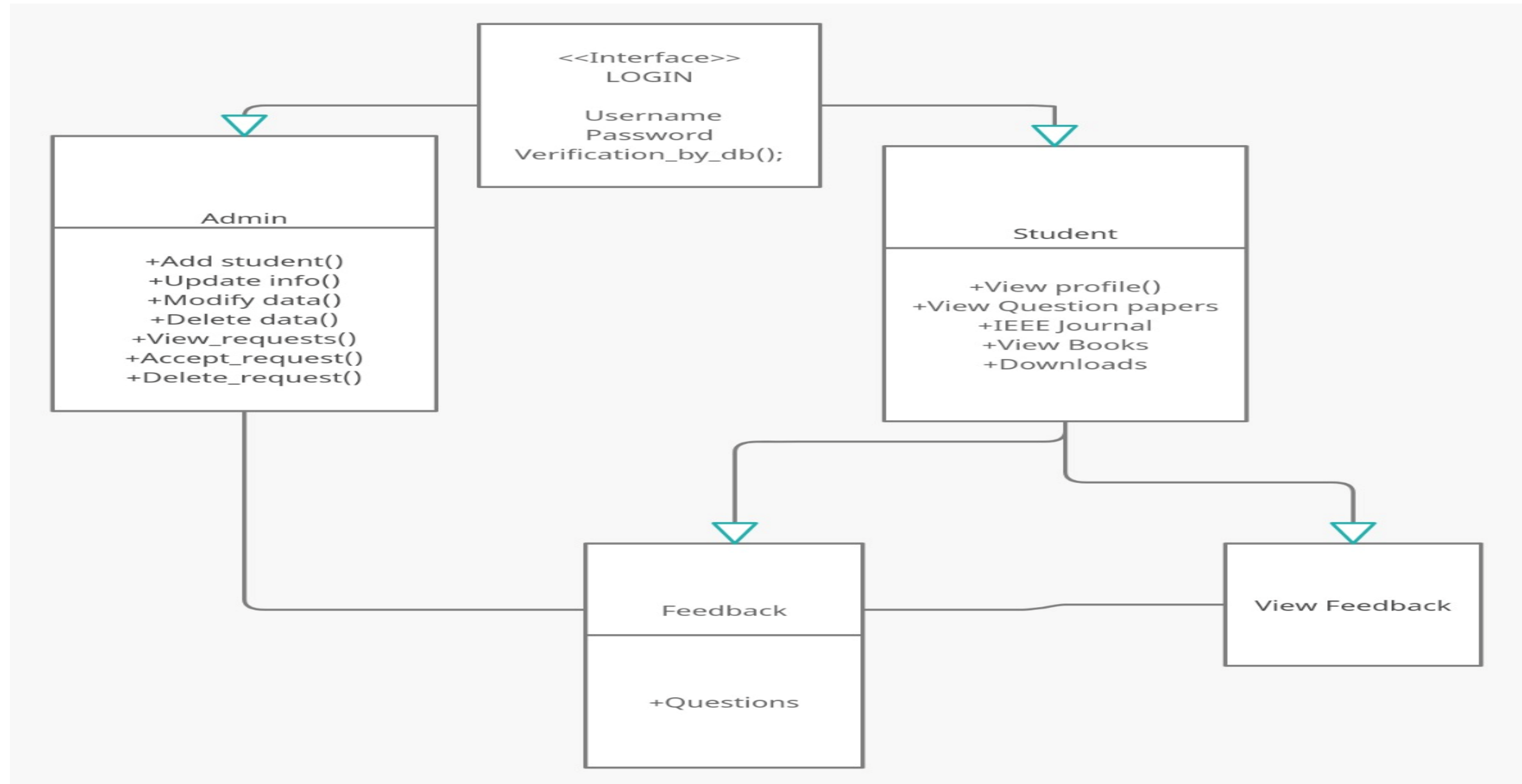
Data flow diagram

Use case Diagram
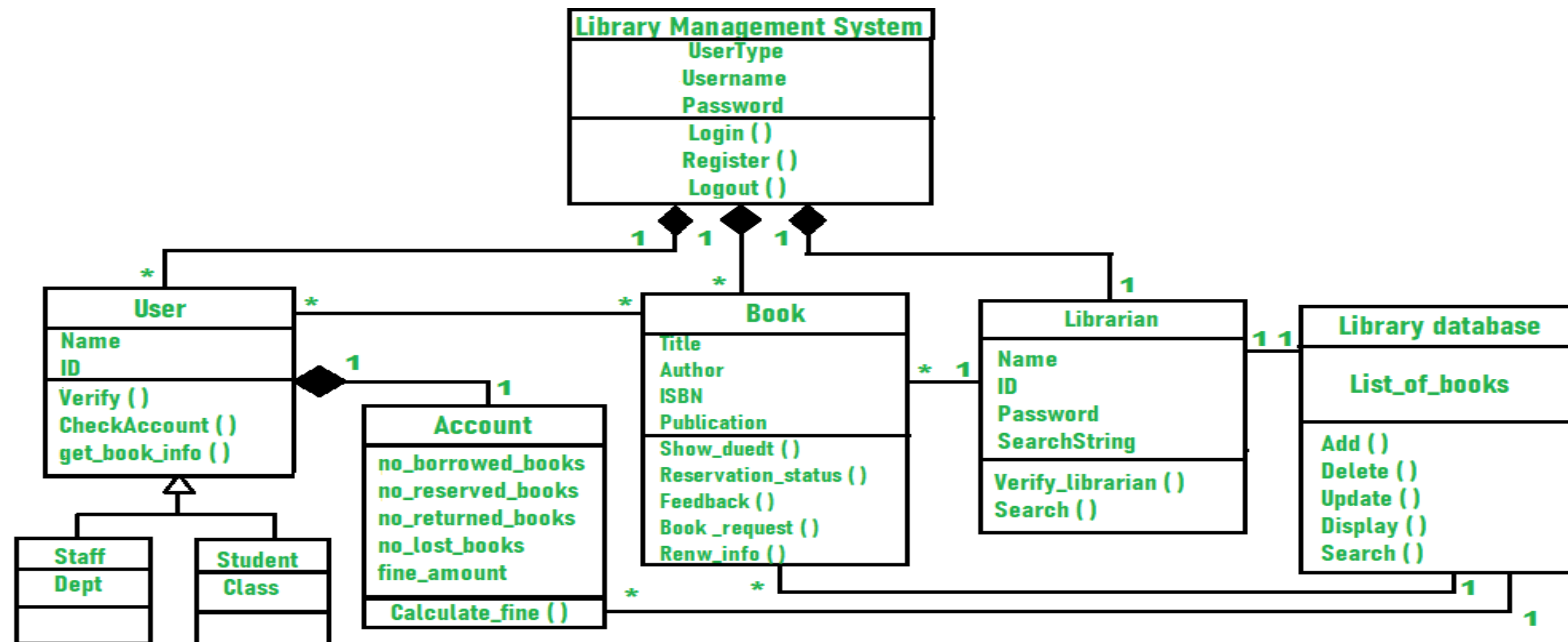
CLASS DIAGRAM FOR LIBRARY MANAGEMENT SYSTEM

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Activity Diagram

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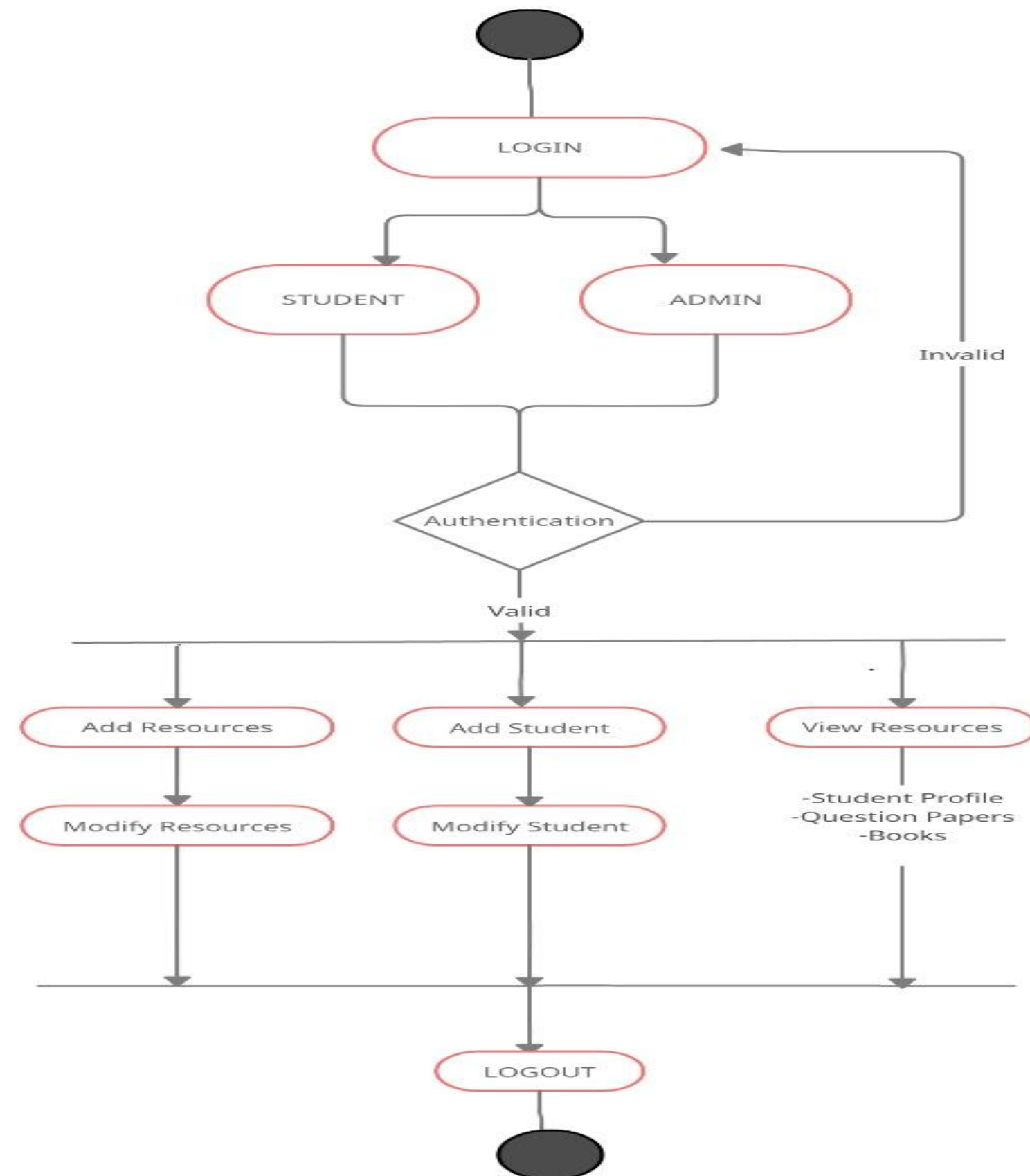
- Resources has been collected.

- A Graphical User Interface has been created for user.

- Database has been connected to user interface.

- Kumari, Punam, and Rainu Nandal. "A Research Paper On Website Development Optimization Using Xampp/PHP." International Journal of Advanced Research in Computer Science (2017), Vol 8.5 pp1231-1235.

- Macaulay, Michael. Introduction to web interaction design: With HTML and CSS. Chapman and Hall/CRC, 2017. eBook ISBN 9781315692333.

- López-Gorozabel O, Cedeño-Palma E, Pinargote-Ortega J, Zambrano-Romero W, Pazmiño-Campuzano M. Bootstrap as a Tool for Web Development and Graphic Optimization on Mobile Devices. InXV Multidisciplinary International Congress on Science and Technology 2020 Oct 19 (pp. 290-302)

- Dragoni N, Giallorenzo S, Lafuente AL, Mazzara M, Montesi F, Mustafin R, Safina L. Microservices: yesterday, today, and tomorrow. Present and ulterior software engineering. 2017: pp:195-216.